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Attorney Docket No. 11856.00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Roman Sobolewski et al.

Appln. No. 09/628,116

Filed: July 28, 2000

For: SUPERCONDUCTING SINGLE PHOTON
DETECTOR

Confirmation No.: 2593

Group Art Unit: 2878

Examiner: Timothy J. Moran

CERTIFICATE OF MAILING BY EXPRESS MAIL

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The undersigned hereby certifies that the following documents:

1. Supplemental Information Disclosure Statement Under 37 C.F.R. §§ 1.97(d), 1.97(e)(1), and § 1.98;
2. Information Disclosure Statement by Applicant (Form PTO-1449);
3. Photocopy of French Search Report of corresponding French patent application No. 0110076, December 30, 2003;
4. 4 references;
5. Check for \$180.00;
6. Certificate of Mailing by Express Mail; and
7. Return Card,

relating to the above application, were deposited as "Express Mail," Mailing Label No. EV 447 216 249 US with the United States Postal Service, addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 30 day of March 2004.

Date: 3/30/2004

Jane Lalis
Mailer

Jane Lalis
Signature of Mailer
DORSEY & WHITNEY LLP
USPTO Customer No. 20686



PATENT
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
Under 37 C.F.R. §§ 1.97(d), 1.97(e)(1), and § 1.98

Sir:

The Information Disclosure Statement submitted herewith is being filed after issuance of a final Office action in the above-referenced application.

The Examiner is requested to consider the references noted on the enclosed Form PTO-1449 during examination of the above-identified patent application. These references are submitted for the Examiner's consideration and are submitted pursuant to the duty of disclosure under 37 C.F.R. § 1.56. In submitting these references, no representation is made or implied that the references are or are not material to the examination of the application. The Examiner is encouraged to make his or her own determination of materiality.

The reference cited and marked with an asterisk (*) on Form PTO-1449 has been previously furnished to the Office, and therefore no copy is provided herewith. The references not marked with an asterisk (*) on Form PTO-1449 have not been previously furnished to the Office. Therefore, copies of the cited documents are included herewith.

04/02/2004 SHINRSS1 00000060 09628116

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Application No. 09/628,116
Attorney Docket No. 11856.00
Express Mail Label No. EV 447 216 249 US

The references cited on the attached PTO-1449 were cited in a French Search Report dated December 30, 2003, of corresponding French patent application No. 0110076. A copy of the French Search Report is enclosed herewith.

Statement Under 37 C.F.R. § 1.97(e)(1)

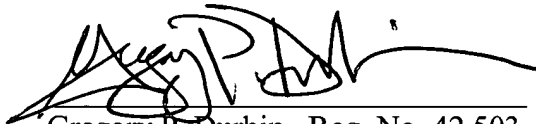
The undersigned hereby certifies that references cited on the attached PTO-1449 were cited in a communication from a foreign patent office in a corresponding foreign application not more than three months prior to the filing of this information disclosure statement.

Pursuant to 37 C.F.R. § 1.97(d) and 37 C.F.R. § 1.17(p), a check for the \$180.00 fee is enclosed. If any additional fees are deemed necessary, such fees may be charged to Deposit Account No. 04-1415.

If the Examiner has any questions, please contact the undersigned attorney.

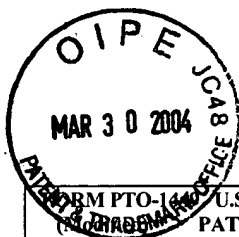
Dated: 30 March 2004

Respectfully submitted,



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Sheet 1 of 1

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 11856.00	APPLN. NO. 09/628,116
	APPLICANT: Roman Sobolewski et al.	
	FILING DATE July 28, 2000	GROUP 2878

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,894,542	01/1990	Schneider	250	336.2	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	*Gupta et al., D., "Single-Photon-Counting Hotspot Detector With Integrated RSFQ Readout Electronics", IEEE Transactions on Applied Superconductivity, Vol. 9, No. 2, pgs. 4487-4490 (June 1999).
	Il'in K.S. et al., "Ultimate Quantum Efficiency of a Superconducting Hot-Electron Photodetector", Applied Physics Letters, Vol. 73, No. 26, pp. 3938-3940 (December 28, 1998).
	Somani, S. et al., "New Photon Detector for Device Analysis: Superconducting Single-Photon Detector Based on a Hot Electron Effect", Journal of Vacuum Science & Technology B, Vol. 19, No. 6, pp. 2766-2769 (November/December 2001).
	Gol'tsman G. et al., "Fabrication and Properties of an Ultrafast NbN Hot-Electron Single-Photon Detector", IEEE Transactions on Applied Superconductivity, Vol. 11, No. 1, pp. 574-577 (March, 2001).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*Previously cited to the Office on March 31, 2003.